

United States Patent and Trademark Office

Examiner: Jeffrey R. W

Art Unit: 2857

Docket No. 3804

In re:

Applicant: LANG, Tobias

Serial No.: 10/591,897

Filed: September 7, 2006

RESPONSE TO NOTIFICATION OF NON-COMPLIANT APPEAL BRIEF

8/7/2008

Hon. Commissioner of
Patents and Trademark
PO Box 1450
Alexandria, VA 22313-1450

Sirs:

Appellant responds hereby to the Notification of Non-Compliant Appeal Brief (37 CFR 41.37), mailed on July 21, 2008.

The Notification at paragraphs 4 and 10 asserts that Section (v) of Appellant's Appeal Brief, filed on July 14, 2008, is defective by failing to provide a concise summary of the claimed subject matter mapping the independent claims

on appeal to the specification by page and line number and to the drawings, as required by 37 CFR 41.37(c)(1)(v).

Appellant provides amended Section (V.) of the Appeal Brief hereby, in accordance with MPEP 1205.03(B) and 37 CFR 41.37(c)(1)(v). Section (V.) as set forth below comprises a concise explanation of the subject matter defined in independent claims 1 and 7, including reference to both the numbered character elements in the drawing figures, and to the Specification by page and line number, as highlighted.

V. SUMMARY OF CLAIMED SUBJECT MATTER

Independent claim 1 defines an ultrasonic flow sensor (**Fig. 2**), comprising the following elements:

at least one ultrasonic transducer (**Fig. 2, Ultrasonic Transducers A and B**) for transmitting and receiving ultrasonic signals (**A0, B0; page 2, lines 1-6**), and

a receiver unit (**Fig. 2, 4**) connected to the ultrasonic transducer that detects a predetermined event (N) of the ultrasonic signal as a reception time (t_0) (**page 6, lines 12-15**),

wherein the receiver unit (4) determines a time (t_1) of a value characteristic of the ultrasonic signal (**page 6, lines 17-21; Figs. 3 and 4; page 3, lines 20-25**) as well as a time shift (Δt) of the time (t_1) relative to the reception time (t_0) and uses the time shift (Δt) to determine a correct time value for the reception time (t_0) (**page 6, lines 25-27; page 3, line 25-page 4, line 3**),

wherein the receiver unit (4) determines a chronological position (T_s) of a focal point of either the ultrasonic signal or its envelope curve (6) as the characteristic value (**Fig. 6, page 7, lines 23-29; Fig. 7, page 8, lines 5-9**).

Independent claim 7 defines a method for detection of an ultrasonic signal in an ultrasonic transducer (**Fig. 2; transducers A and B; page 5, lines 1-6**):

by means of a receiver unit (4) (**Fig. 2**), which detects a predetermined event (N) of the ultrasonic signal as a reception time (t_0) (**Figs. 3, 4; page 6, lines 12-15**),

wherein the receiver unit (4) determines a time (t_1) of a value characteristic of the ultrasonic signal (**page 6, lines 17-21; Figs. 3 and 4; page 3, lines 20-25**) and determines a time shift (Δt) of the time (t_1) in relation to the reception time (t_0) and uses the time shift (Δt) to determine a correct time value for the reception time (t_0) (**page 6, lines 25-29; page 3, line 25-page 4, line 2**)),

wherein the receiver unit (4) determines a chronological position of a focal point of the ultrasonic signal or its envelope curve (6) as a characteristic value (**Fig. 6; page 7, lines 23-29; Fig. 7, page 8, lines 5-9**).

Appellant respectfully asserts that Section V. Summary of Claimed Subject Matter of the Appeal Brief as amended hereby overcomes all of the reasons for non-compliance asserted at paragraphs 4 and 10 of the July 21, 2008, Notification, and that the Appeal Brief complies with 37 CFR 41.37. Appellant requests consideration of the Appeal Brief as amended, withdrawal of the rejections made and that the Application be placed in line for Allowance.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read 'Michael J. Striker', with a long horizontal flourish extending to the right.

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